

## **VOLTAGE DETECTOR CIRCUIT WITH A PROGRAMMABLE THRESHOLD POINT**

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### **ABSTRACT**

A voltage detector including a voltage following circuit connected to a power supply  
10 and operable to follow a voltage value of the power supply, a selectable threshold point  
circuit connected to the voltage following circuit and operable to select one of a plurality of  
values for a threshold point of the power supply, and a switch circuit coupled to the selectable  
threshold point circuit and the voltage following circuit, the switch circuit cooperating with  
the selectable threshold point circuit to generate an output indicating whether the value of the  
15 power supply has increased above or decreased below the selected value for the threshold  
point in response to the followed value of the power supply.

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